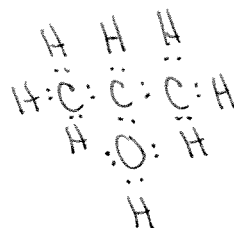
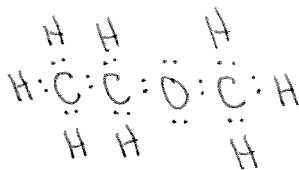
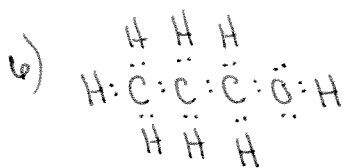
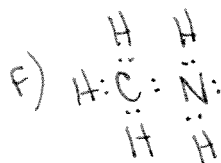
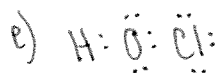
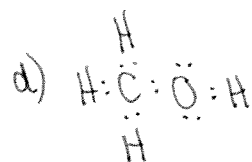
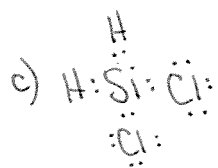
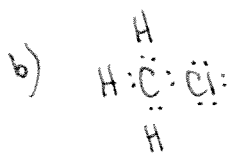
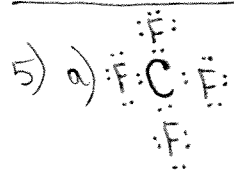
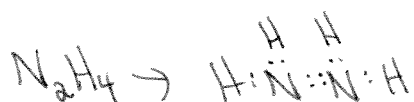


Lesson 5 Q's: pg. 167



b) -Make sure octet rule is satisfied

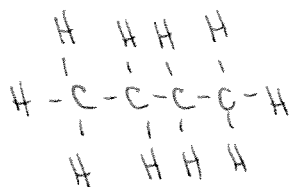
-Check HONC1234 rule



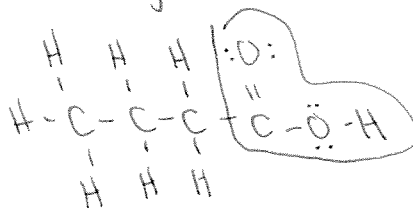
Lesson 6 Q's: pg. 172

3) In C_2H_4 , there is a double bond

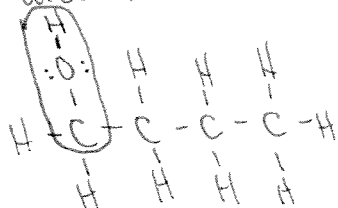
4) a) alkane



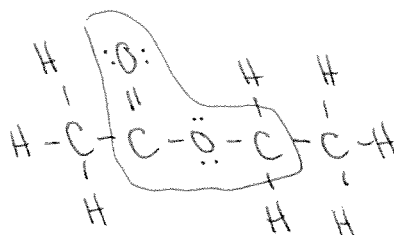
b) carboxylic acid



c) alcohol



d) ester



9) Both are $\text{C}_8\text{H}_{16}\text{O}_2$.

- Pentyl propionate smells sweet b/c it contains the ester functional group

- Octanoic acid smells putrid b/c it contains the carboxylic acid functional group

10) a) carboxylic acid

b) ketone

c) ketone

d) ester

e) amine

f) ester

11) a) $\text{C}_3\text{H}_6\text{O}_2$

b) $\text{C}_5\text{H}_{10}\text{O}$

c) $\text{C}_5\text{H}_{10}\text{O}$

d) $\text{C}_4\text{H}_8\text{O}_2$

e) $\text{C}_4\text{H}_{11}\text{N}$

f) $\text{C}_2\text{H}_4\text{O}_2$